

Docket No. 020547

Serial No. 10/632,400

REMARKS/ARGUMENTS

This paper is filed for examination of an RCE application. The Examiner in the final office action cited, Wang, et al., in rejecting the independent claims. Note that the independent claims, claims 1, 18, and 31, are amended in this paper.

Claims 1, 18, and 31 (the independent claims) were rejected under 35 USC §102(e) as being anticipated by Wang, et al. Wang, et al., discloses an apparatus and associated method for selecting a likely target cell in a cellular communication system. This prior art system is attempting to solve the same problem that the present invention solves. However, Wang, et al., provides its solution in a very different manner using different information. Wang, et al., specifically describes and requires two specific determinations for making a handover decision, position, and velocity. Wang, et al., gratuitously indicated that the heading was also used; however there is no indication in the specification how this is accomplished. Nonetheless, there is another significant difference between the Wang, et al., system and the present invention. In the present invention, the position, velocity, and direction of motion is calculated using a single signal from each source from a plurality of sources using triangulation or trilateration procedures. This feature is specifically described beginning on page 7, paragraph numbers 0037 through 0042. This feature has been added to amended claims 1, 18, and 31. Wang, et al., specifically requires the calculation of velocity and heading by two or more signals from GPS satellites at certain time intervals. The Wang, et al., reference at Col .3, lines 5 through 10 states: "By recalculating the positioning of the mobile station in this manner at two or more times, the velocity of the mobile station is further determinable. That is to say, by determining the positioning of the mobile station at separate locations at a known time interval, the speed and heading of the mobile station is readily calculable." Thus, the independent claims, as amended, are now allowable.

Claims 2-3 and 19-20 were rejected under 35 USC §103(a) as being unpatentable over Wang, et al., in view of Vayanos. These are dependent claims, and due to the patentability of the independent claims, these claims are also allowable.

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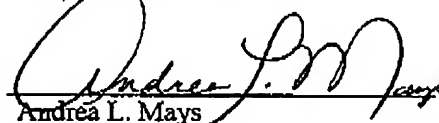
Claims 4-17 and 21-30 were rejected under 35 USC §103(a) as being unpatentable over Wang, et al., in view of Vayanos and further in view of Jones. These are also dependent claims, and due to the patentability of the independent claims, these claims are also allowable.

Applicants therefore respectfully request that a timely Notice of Allowance be issued in this case.

Respectfully submitted,

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